

WHAT IS CLAIMED IS:

1. A camera on which a lens apparatus is attachable, the lens apparatus having a booster circuit which boosts a supply voltage, an actuator which receives a voltage supply from the booster circuit so as to drive a lens unit, and a lens controller which controls the drive of the booster circuit and the actuator, comprising:

a communication unit which makes communication with the lens controller; and

a camera controller which transmits a lens drive command for driving the actuator to the lens controller via the communication unit,

wherein the camera controller also transmits a booster drive command for driving the booster circuit to the lens controller.

2. The camera according to claim 1, wherein the camera controller transmits the booster drive command before transmitting the lens drive command.

3. The camera according to claim 2, wherein the camera controller transmits the booster drive command at a time before a predetermined time prior to a transmission timing of the lens drive command,

wherein the predetermined time is at a minimum

time required for an output voltage of the booster circuit to reach a predetermined voltage from the drive start of the booster circuit.

4. The camera according to claim 4, further comprising:

an operation member which is operated in order to start an image-taking preparation operation,

wherein the camera controller transmits the booster drive command according to an operation of the operation member.

5. The camera according to claim 1, wherein the camera controller determines whether the drive control of the actuator has been terminated through communication with the lens controller or not, and transmits a drive stop signal for stopping the drive of the booster circuit to the lens controller when the drive operation of the actuator has been terminated.

6. The camera according to claim 1, wherein the camera controller determines whether the drive control of the booster circuit is enabled on the basis of a result of communication with the lens controller via the communication unit or not, transmits the booster drive command to the lens controller when it

is determined that the drive control of the booster circuit is enabled, and limits the transmission of the booster drive command when it is determined that the drive control of the booster circuit is disabled.

7. The lens apparatus which is attachable to a camera and which is communicable with the camera, comprising:

a booster circuit which boosts a supply voltage;
an actuator which receives a voltage supply from the booster circuit so as to drive a lens unit; and
a lens controller which controls the drive of the booster circuit and the actuator,

wherein the lens controller drives the booster circuit in response to a reception of a booster drive command for driving the booster circuit from the camera, and drives the actuator in response to a reception of a lens drive command for driving the actuator from the camera.

8. The lens apparatus according to claim 7, wherein the lens controller drives the booster circuit in response to a reception of the booster drive command before receiving the lens drive command.

9. The lens apparatus according to claim 8,

wherein the lens controller drives the booster circuit in response to a reception of the booster drive command at a time before a predetermined time prior to a transmission timing of the lens drive command,

wherein the predetermined time is at a minimum time required for an output voltage of the booster circuit to reach a predetermined voltage from the drive start of the booster circuit.

10. The lens apparatus according to claim 7, wherein the lens controller stops the drive of the booster circuit in response to a reception of a drive stop command for stopping the drive of the booster circuit from the camera when the drive of the actuator is terminated.

11. The camera system, comprising:

a lens apparatus having a booster circuit which boosts a supply voltage, an actuator which receives a voltage supply from the booster circuit so as to drive a lens unit, and a lens controller which controls the drive of the booster circuit and the actuator; and

a camera having a communication unit which makes communication with the lens controller and a camera controller which transmits a lens drive command for

driving the actuator to the lens controller via the communication unit,

wherein the camera controller also transmits a booster drive command for drive the booster circuit to the lens controller, and

the lens controller drives the booster circuit in response to a reception of the booster drive command, and drives the actuator in response to a reception of the lens drive command.

12. The camera system according to claim 11, wherein the camera controller transmits the booster drive command before transmitting the lens drive command, and

the lens controller drives the booster circuit in response to a reception of the booster drive command, and drives the actuator before receiving the lens drive command.

13. The camera system according to claim 12, wherein the camera controller transmits the booster drive command at a time before a predetermined time prior to a transmission timing of the lens drive command,

wherein the predetermined time is at a minimum time required for an output voltage of the booster circuit to reach a predetermined voltage from the

drive start of the booster circuit.

14. The camera system according to claim 11, wherein the camera has an operation member which is operated in order to start an image-taking preparation operation, and

the camera controller transmits the booster drive command according to an operation of the operation member.

15. The camera system according to claim 11, wherein the camera controller determines whether the drive control of the actuator has been terminated through communication with the lens controller or not, and transmits a drive stop signal for stopping the drive of the booster circuit to the lens controller when the drive operation of the actuator has been terminated, and

the lens controller stops the drive of the booster circuit in response to a reception of the drive stop command.

16. The camera system according to claim 11, wherein the camera controller determines whether the drive control of the booster circuit is enabled on the basis of a result of communication with the lens controller via the communication unit or not,

transmits the booster drive command to the lens controller when the drive control of the booster circuit is enabled, and limits the transmission of the booster drive command when the drive control of the booster circuit is disabled.